

# Clinical Immunization Data

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# Overview

- Data from the immunization registry
- Data from the National Immunization Survey (NIS)
- How clinics administering pediatric vaccine currently get immunization rate information from the Idaho Division of Public Health



# Idaho's immunization registry

- Idaho Immunization Reminder Information System (IRIS)
- 2010 Idaho Statute 39-4803
- Documents when and where shots are given
- Provides a comprehensive data set for child immunizations in Idaho
- 53 of the 55 SHIP clinics are registered in IRIS
- # of patients under 18 years of age that opted out of IRIS in 2015 was 146



# National Immunization Survey (NIS)

- CDC telephone survey of parents, then a survey is mailed to providers (small sample size in Idaho)
- Data are used to reflect immunization rates among 2-year-old children at the national and state level
- Cannot get child or clinic specific data from this survey



# National standard for measuring immunization rates among children ages 19-35 months

## **Combined 7-vaccine series (4:3:1:3:3:1:4)**

- $\geq 4$  doses of Diphtheria, Tetanus, Pertussis
- $\geq 3$  doses of Polio
- $\geq 1$  dose of measles-containing vaccine
- Haemophilus influenza type B full series (3)
- $\geq 3$  Hepatitis B
- $\geq 1$  Varicella
- $\geq 4$  Pneumococcal conjugate



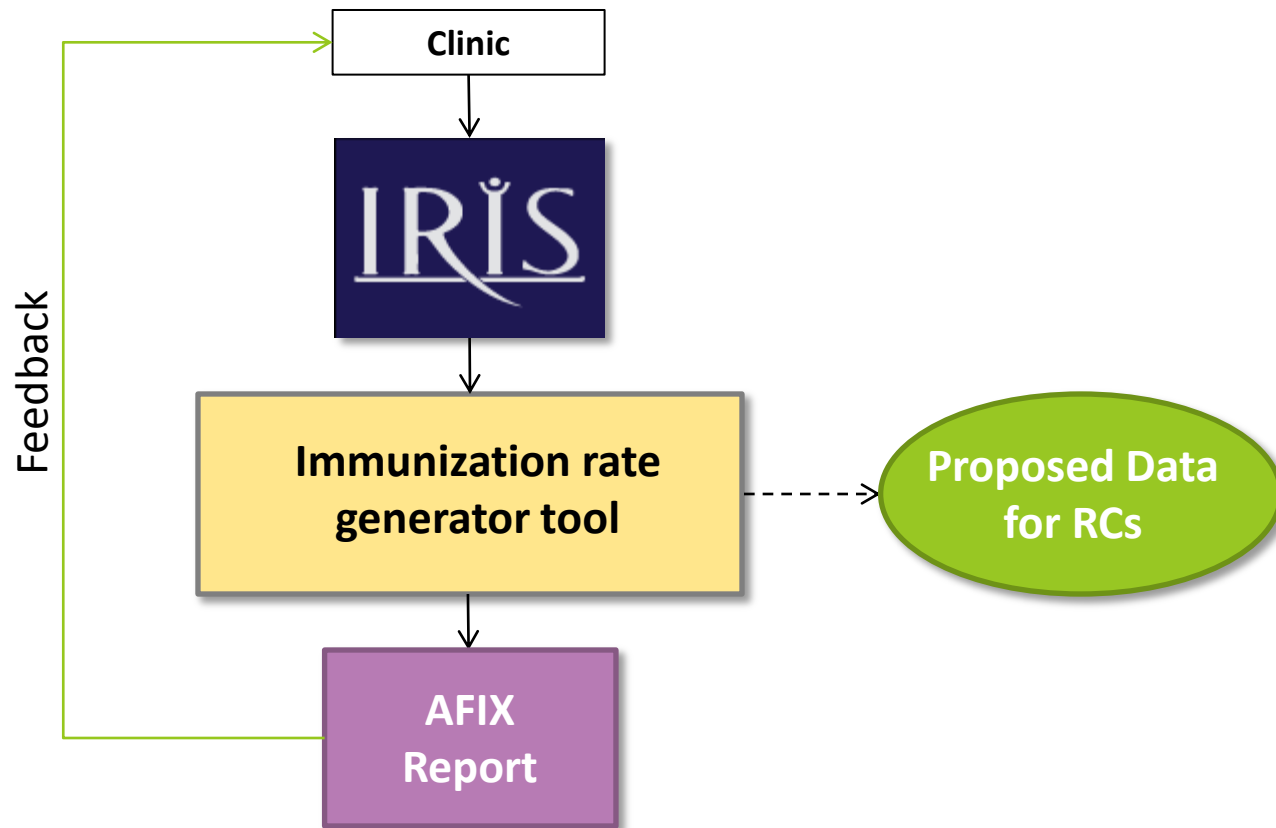
# How the Idaho Immunization Program currently provides clinics with their immunization rates

## **Through AFIX visits**

- Assessment
- Feedback
- Incentives
- eXchange



# How clinic-specific immunization data are generated and communicated



# Clinic specific data collected by the state and shared at AFIX visits

- Comes directly from IRIS
- Based on the patients that are noted as “active” to a clinic site
- Shows a clinic site the extent of their immunization rate for their “active” patient population
- Based on the standard combined 7-vaccine series



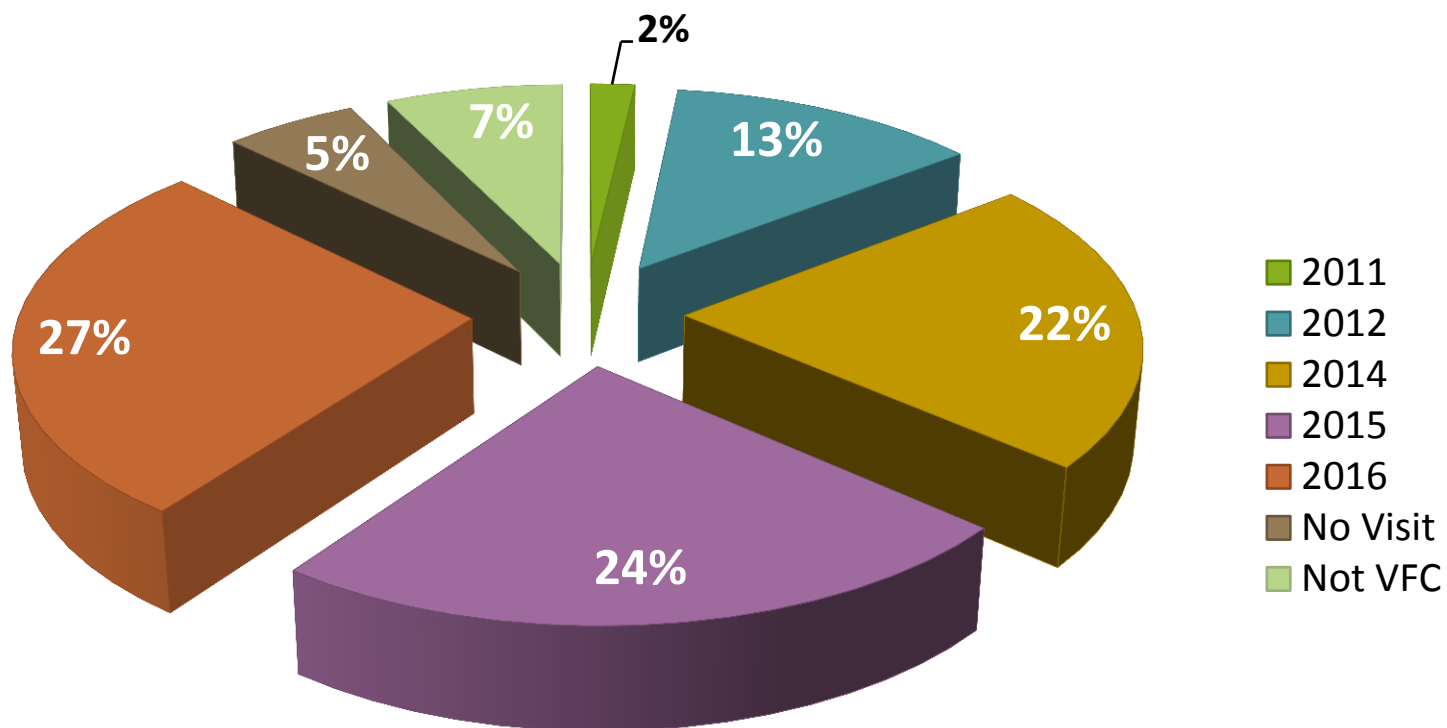


# Why use IRIS data as a measure?

- IRIS provides the most complete data set available for measurement of clinic immunization rates
- The path is already paved – the Idaho Immunization Program (IIP) has been using these data to improve clinic immunization rates and practices for years (through AFIX)
- The IIP has committed to providing future data collection and report creation for SHIP/RCs, as needed



### Last AFIX Visit Conducted by Year, 1st Cohort of SHIP Clinics



## Clinic Report

### Immunization Rates by 24 months of age

Clinic Name: Clinic A

Regional Collaborative (RC): Regional Collaborative C

Date of Report: 10/31/2016

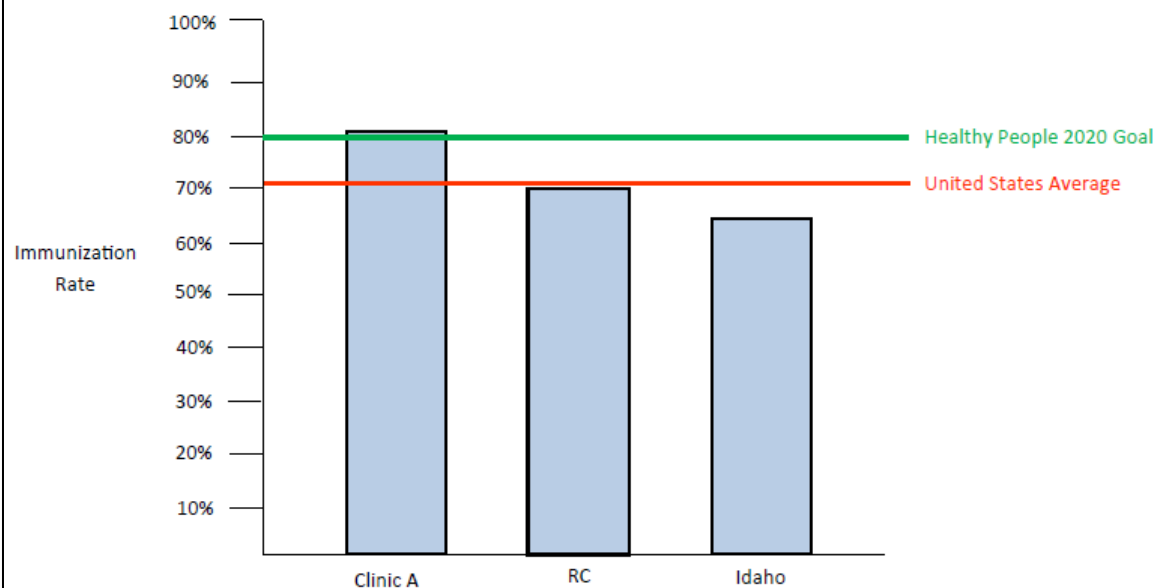
Report Description: SHIP 2015 vaccine coverage baseline data

	4+DTaP	3+Polio	1+MMR	Hib FS	3+HepB	1+Var	4+PCV	Series*
Clinic A**	80.0	82.0	79.0	74.0	84.0	81.0	81.0	81.0
RC**	70.0	73.2	71.0	70.1	64.3	71.0	72.0	69.5
Idaho***	73.0	72.0	71.0	68.0	69.6	80.0	69.0	65.8
United States***	70.0	73.2	81.0	74.0	74.3	71.0	72.0	71.5

\*The combined 7-vaccine series (4:3:1:3\*:3:1:4) includes ≥4 doses of DTaP, ≥3 doses of Polio, ≥1 dose of measles-containing vaccine, Hib full series, ≥3 HepB, ≥1 Var, and ≥4 PCV

\*\*Patient immunization information from Idaho's Immunization Reminder Information System (IRIS) for patients active to each organization; rates generated through CoCASA

\*\*\*Data from the National Immunization Survey



## RC Report

### Immunization Rates by 24 months of age

Regional Collaborative (RC): Regional Collaborative C

Date of Report: 10/31/2016

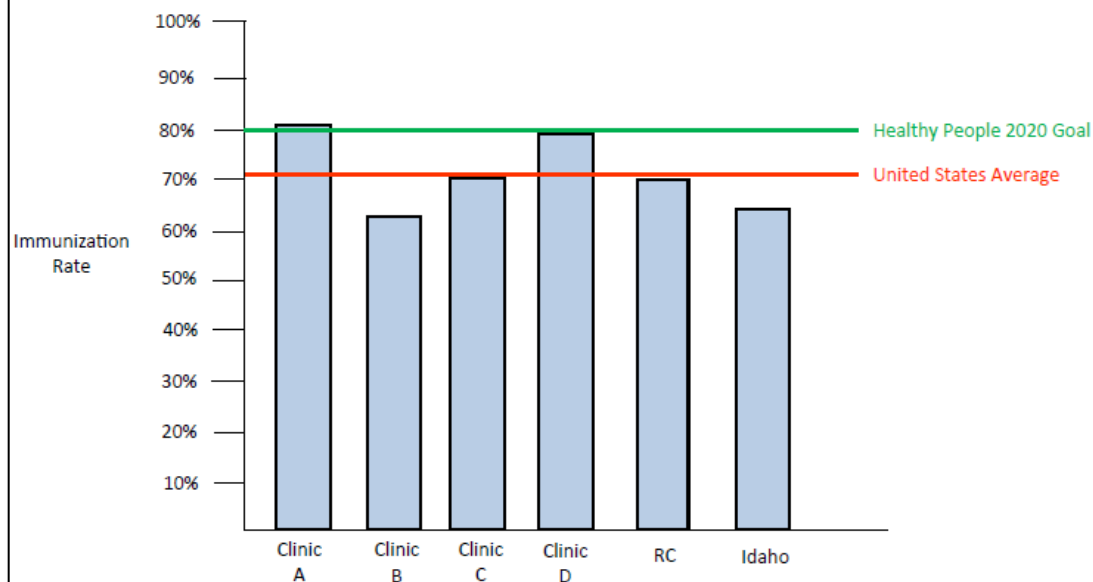
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Clinic A**	80.0	82.0	79.0	74.0	84.0	81.0	81.0	81.0
Clinic B**	65.0	61.0	66.0	72.0	82.0	60.0	70.0	63.0
Clinic C**	80.0	72.0	79.0	64.0	84.0	81.0	61.0	70.0
Clinic D**	82.0	85.0	79.0	72.0	82.0	70.0	62.0	79.0
RC**	70.0	73.2	71.0	70.1	64.3	71.0	72.0	69.5
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# THANK YOU

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